

T3C315M-6 90KW 500V B5

Three-phase asynchronous motor in cast iron

Motor type T3C315M-6 90KW 500V B5
Brand BUSCK
Item number 93C63162T

Voltage V	Power kW	Frequency Hz	Current A	Speed rpm
500	90	50	166,93	980
575	103,5	60	166,93	1176

Duty S1
Enclosure IP55
Insulation class F
Cooling IC411 (TEFC)
Max. ambient temp. 45°C
Max. temp. rise 80 K
Max altitude, masl 1000

Torque, Nm 877,04
Starting torque ratio 2
Pull up torque ratio 1,3
Pull out torque ratio 2,3
Starting current ratio 7,5
Winding protection Thermistors
This motor has DNV type approval

Efficiency class IE3
Efficiency, load 100% 94,9
Efficiency, load 75% 95
Efficiency, load 50% 93,4
Power fact, load 100% 0,82

Painting Standard
Color RAL 9005
Weight kg 955
Sound pressure Lp dB(A) 85
Bearing DE 6319 C3
Bearing NDE 6319 C3
Balance grade Normal
Inertia kgm2 4,45274
Cable entries 2xM63, 1xM16

Note IE3

